WHAT IS CLAIMED IS:

1. A charging member for being contactably disposed to an image bearing member and being supplied with a bias voltage, comprising:

a resistance layer having an ionic electrical conductivity,

wherein said resistance layer comprises a foamed elastic member and satisfies the following relationships:

$B \leq (5/3) \times A - 0.3$, and

$B \geq 0.6$,

wherein A represents a surface bubble-containing density measured, in a state that air bubbles are attached to the surface of said resistance layer, by immersion method according to JIS Z 8807; and B represents a surface bubble-deaerated density measured, in a state that said air bubbles are removed from the surface of said resistance layer, by immersion method according to JIS Z 8807.

2. A member according to Claim 1, wherein said resistance layer has a volume resistivity of not less than 1×10^6 ohm.cm and not more than 1.0×10^{10} ohm.cm, measured in an environment of a temperature of 23 ^{o}C and a relative humidity of 50 %.

3. A member according to Claim 1, wherein said

resistance layer has a volume resistivity of not less than $1x10^7$ ohm.cm and not more than $1.0x10^9$ ohm.cm, measured in an environment of a temperature of 23 ^oC and a relative humidity of 50 %.

4. A member according to Claim 1, wherein said resistance layer satisfies the following relationship:

$$0.6 \leqq B \leqq 0.75.$$

5. A member according to Claim 1, wherein said resistance layer satisfies the following relationship:

$$A + 0.02 \leqq B \leqq (5/3) \times A - 0.3.$$

6. A member according to Claim 1, wherein said charging member abuts against the image bearing member at an abutting pressure of not less than $2.5x10^3$ Pa an not more than $3.0x10^5$ Pa.

7. A member according to Claim 1, wherein said charging member abuts against the image bearing member at an abutting pressure of not less than $7.5x10^3$ Pa and not more than $2.0x10^5$ Pa.

8. A member according to Claim 1, wherein said charging member further comprises a core metal on

which said resistance layer is disposed, said resistance layer having a thickness of not less than 4.5 mm.

9. A member according to Claim 1, wherein said charging member further comprises a core metal on which said resistance layer is disposed, said resistance layer having a thickness of not less than 6.0 mm.

10. A member according to Claim 1, wherein said resistance layer comprises a foamed elastic member having a closed cell.

11. An image forming apparatus, comprising:

image forming means for forming an image on an image bearing member, and

a transfer member for being contactably disposed to the image bearing member and transferring the image formed on the image baring member by applying a bias voltage to said transfer member;

wherein said transfer member comprises a resistance layer having an ionic electrical conductivity, said resistance layer comprising a foamed elastic member and satisfying the following relationships:

$B \leq (5/3) \times A - 0.3$, and

$B \geq 0.6$,

wherein A represents a surface bubble-containing density measured, in a state that air bubbles are attached to the surface of said resistance layer, by immersion method according to JIS Z 8807; and B represents a surface bubble-deaerated density measured, in a state that said air bubbles are removed from the surface of said resistance layer, by immersion method according to JIS Z 8807.

12. An apparatus according to Claim 11, wherein said resistance layer has a volume resistivity of not less than $1x10^6$ ohm.cm and not more than $1.0x10^{10}$ ohm.cm, measured in an environment of a temperature of 23 ^oC and a relative humidity of 50 %.

13. An apparatus according to Claim 11, wherein said resistance layer has a volume resistivity of not less than $1x10^7$ ohm.cm and not more than $1.0x10^9$ ohm.cm, measured in an environment of a temperature of 23 ^oC and a relative humidity of 50 %.

14. An apparatus according to Claim 11, wherein said resistance layer satisfies the following relationship:

$0.6 \leq B \leq 0.75$.

15. An apparatus according to Claim 11, wherein said resistance layer satisfies the following relationship:

$$A + 0.02 \leq B \leq (5/3) \times A - 0.3.$$

16. An apparatus according to Claim 11, wherein said transfer member abuts against the image bearing member at an abutting pressure of not less than 2.5×10^3 Pa an not more than 3.0×10^5 Pa.

17. An apparatus according to Claim 11, wherein said transfer member abuts against the image bearing member at an abutting pressure of not less than 7.5×10^3 Pa and not more than 2.0×10^5 Pa.

18. An apparatus according to Claim 11, wherein said transfer member further comprises a core metal on which said resistance layer is disposed, said resistance layer having a thickness of not less than 4.5 mm.

19. An apparatus according to Claim 11, wherein said transfer member further comprises a core metal on which said resistance layer is disposed, said resistance layer having a thickness of not less than 6.0 mm.

20. An apparatus according to Claim 11, wherein said resistance layer comprises a foamed elastic member having a closed cell.